

## APPENDIX II

### ALL PENDING CLAIMS WITH AMENDMENTS EFFECTED THEREIN

1. Method for manufacturing a patient-specific implant, comprising generating a virtual three-dimensional model from image data of at least the patient's implant area and the environment thereof, comparing the virtual three-dimensional model to real medical reference data, selecting from the real medical reference data a set of said reference data best suited for the patient and forming a reference model object therefrom, generating a virtual implant model from said reference model object, and manufacturing the implant by computer numeric control based on data from the virtual implant model.

2. Method as claimed in claim 1, wherein the real medical reference data comprise a database.

3. Method as claimed in claim 2, wherein the selecting comprises first selecting a plurality of sets of said reference data suited for the patient and then applying further selection criteria to select from said plurality of sets said set best suited for the patient.

4. Method as claimed in claim 1, 2, or 3, wherein the real medical reference data comprises data from the patient.

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6. Method as claimed in claim 1, wherein the selecting comprises first selecting a plurality of sets of reference data and forming a corresponding plurality of reference model objects therefrom most resembling the patient considering mathematical, functional, medical and aesthetic parameters and then selecting one of said plurality of reference model objects based on expert medical opinion, and the generation of the virtual implant model is effected by superimposing said one reference object and the virtual three-dimensional model.

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